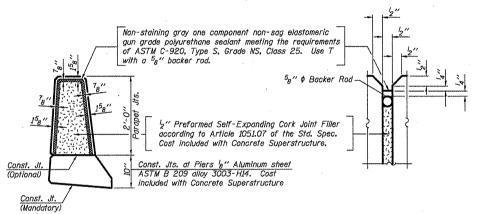
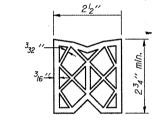


ALUMINUM RAILING ELEVATION



PARAPET JOINT DETAILS



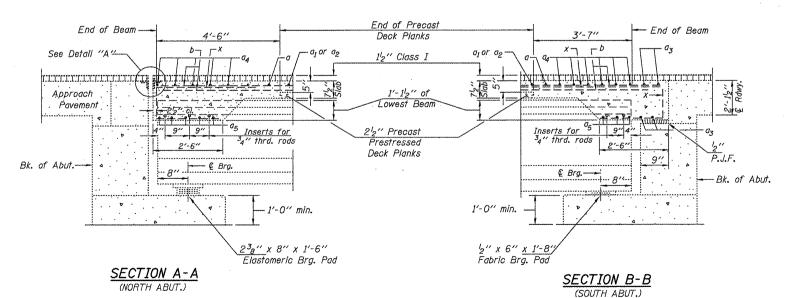
PREFORMED JOINT SEAL

DETAIL A

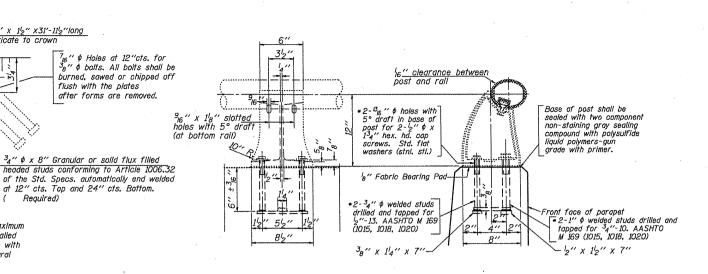
* Furnish in segments of 20 ft. maximum length. Maximum space between Installed segments shall be $^{3}_{6}$ ". Seal space with Silicone Sealant suitable for Structural

** Cut retainer bars in sidewalk or median

6" short of the sidewalk or median face.

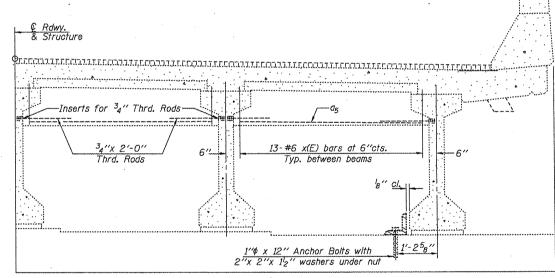


Apply waterproofing continuous over joint.



RAIL POST DETAILS

* In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and epoxy grouting stainless steel anchor rods of the same diameter and grade as the specified cap screws. Embedment shall be according to the manufacturer's specifications.



DIAPHRAGM AT ABUTMENT

SCALE:

・ 尼 1'' x 1½" x31'-11½"long Fabricate to crown

Required)

All aluminum Alloy Extracted Rail shall be supplied in modular lengths of 30 feet, except at the end of the bridge or over span joints in bridge deck where the rail shall be attached to a minimum of 2 posts. If the rail is on a horizontal curve of 2300 feet radius or less, the modular lengths may be reduced but shall be attached to a minimum of 2 posts. All joints in Rail shall be spliced per detail.

Seal perimeter of base post-to-parapet with two component non-staining grey sealing compound with polysulfide liquid polymers, gun grade with primer. Fabric bearing pads shall have same dimensions as base of post. Aluminum alloy rail shall conform to ASTM B 221 alloy 5061-T6 or 6351-T5 with min. yield 35 ksi, min. tensile 38ksi, and elongation of 10% or less in 2 inches.

FOR INFORMATION ONLY

> SN. 102-0041 IL.117 ovr MILL CRK. S. of US24 COUNTY TOTAL SHEETS NO.

WOODFORD 23 10

CONTRACT NO. 68928

FILE NAME =	USER NAME = #USER#	DESIGNED	~	CEJ	REVISED -
+FILEL*		DRAWN	-	CEJ	REVISED -
	PLOT SCALE = \$SCALE\$	CHECKED	-		REVISED ~
	PLOT DATE = \$DATE\$	DATE	~	08/17/2009	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

EXISTING SUPERSTRUCTURE DETAILS					RTE.	SECTION		
					702	(114BR-1)I	L	
				~~~~		MISC.	BRIDGE REPAIRS	Г
	SHEET NO.	OF	SHEETS	STA.	TO STA.	FFD. RC	DAD DIST. NO. 4 ILLINDIS FED. A	Ō